

EVD4500 Portable Tabletop Explosives Trace Detector



WESTMINSTER
GROUP PLC

Product Code: 11565

Key Features



Laboratory-grade accuracy



Explosive detection



Easy to maintain



Clear results in 15 seconds



Battery powered



Portable



Overview

The EVD4500 Portable Explosive Trace Detector is a gas chromatography-chemiluminescence (GC-C) detector for automatically pinpointing homemade, military and commercial explosives, such as RDX, PETN, TNT and TATP.

The high-speed EVD4500 delivers clear go/no go results in just 15 seconds, and never requires carrier gases or radioactive isotopes.

It is lightweight and designed to withstand the most rugged environments, being virtually impervious to outside contaminants.

Featuring a robust reusable sampling screen and an easy-to-read display, this versatile unit is extremely convenient to set up, operate and maintain.

Features

Laboratory-grade accuracy

Rapid results in seconds

Detects homemade, military and commercial explosives

Large colour touchscreen display

Gas chromatography-chemiluminescence (GC-C) detector

Detects nitrogen- and peroxide-based explosive compounds

EVD4500 Portable Explosives Trace Detector



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Specifications

Detector: Gas-chromatography-chemiluminescence

Analysis time: 15-60 seconds

Sensitivity: Sub-nanogram

Sample collection: Particulates

Warm-up time: 20 minutes maximum from cold start

Alarms: Visual graphic and audible alarm

Power supply: 14.4 V DC rechargeable battery

12 V AC adapter

Input voltage: 90-264 VAC, 50-60 Hz universal switching

Unit weight: 8.3 kg with power supply

Unit dimensions: L43.2 x W35.6 x H20.3 cm

Shipping weight: 15 kg

Shipping dimensions: L48.3 x W48.3 x H48.3 cm

Operating temperature: 0° to 55° C

Storage temperature: -5° to 65° C

Communication: RS-232 serial output port

Data storage: 1,000 retrievable data records with SD memory card slot for additional data storage

Options: External battery, printer

Explosives detected

Most military and commercial explosives including:

PETN

RDX

TNT

Dynamite

Semtex

C-4

NG

Tetryl

TATP

HMTD

Ammonium and urea nitrates

Detasheet